



CAIT

Center for Advanced Infrastructure & Transportation
Rutgers, The State University of New Jersey

QUARTERLY PROGRESS REPORT

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|--|--|--|--|
| Project Title: | Life Cycle Cost Analysis | | |
| RFP NUMBER: N/A | NJDOT RESEARCH PROJECT MANAGER: Richard Weed | | |
| TASK ORDER NUMBER/Study Number: 91 / 4-23942 | PRINCIPAL INVESTIGATOR: Kaan Ozbay & Neville Parker | | |
| Study Start Date: 06/09/2000 Study End Date: 12/31/2002 | Period Covered: 1 st Quarter 2003 | | |

| Task | % of Total | % of Task this quarter | % of Task to date | % of Total Complete |
|--|------------|---------------------------|----------------------|------------------------|
| First Year | | | | |
| 1. Review of Existing LCCA Procedures in NJDOT and other DOTs | 30% | 40% | 100% | 30% |
| 2. Study of the LCCA Input Parameters from both Economics and Engineering Perspectives | 30% | 20% | 1000% | 30% |
| 3. Preliminary Documentation of the LCCA Process | 20% | 20% | 100% | 20% |
| 4. Workshop on the LCCA Process | 10% | 50% | 50% | 5% |
| 5. Interim Report | 10% | 10% | 100% | 10% |
| TOTAL (First Year) | 100% | | | 85% |
| Second Year | | | | |
| 6. Development of Preliminary LCCA Guidelines | 40% | 30% | 100% | 40% |
| 7. Development of Illustrative Case Studies | 30% | 10% | 80% | 24% |
| 8. Guidelines and Case Study Workshop | 10% | | | |
| 9. Finalization of LCCA Guidelines | 10% | 40% | 100% | 10% |
| 10. Final Report | 10% | 40% | 60% | 6% |
| TOTAL (Second Year) | 100% | 20% | 20% | 80% |

Note: Tasks are based on the revised proposal submitted on

1. Progress this quarter by task:

Task 7: We have now incorporated the examples into the final report.

Task 8: In the last quarterly report meeting we decided to hold this workshop after the preliminary review of the final draft report.

Task 9: We have finalized the guidelines in the form of a final report.

Task 10: Final report completed except the pay schedules section. We have a draft report for the pay schedules section but it is still being reviewed and modified by CUNY researchers before it is finalized.

We asked for a no cost extension to complete the final report and conduct the workshop.

2. Proposed activities for next quarter by task

Implement final modifications to the final report.

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3. List of deliverables provided in this quarter by task (product date)

4. Progress on Implementation and Training Activities

5. Problems/Proposed Solutions

- Based on then input we received in the last quarterly report, we asked and received a no cost extension.

6. Budget Summary*

| | | |
|---|--------------|--------------|
| Total Project Budget(# of years) | 2 Years | \$204,495.00 |
| Total Project Expenditure to date | | \$183,520 |
| % of Total Project Budget Expended | | 90% |
| Task Order Number/Study Number: | | 91 / 4-23942 |
| Current Task Order Budget (# of years) | Year 1 and 2 | \$204,495.00 |
| Actual Expenditure to date against current task order | | \$183,520 |
| % of current task order budget expended | | 90% |

* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.

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